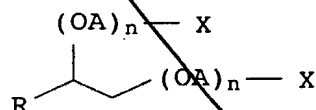


We claim:-

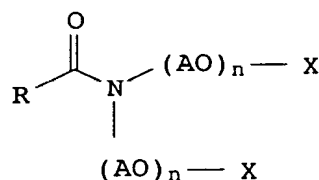
- 36B/ 1. A modified cationic polymer which is obtainable by reacting
- 5
- (a) water-soluble, polymeric compounds containing NH groups and selected from the group consisting of the polyalkylenepolyamines, polyamidoamines, polyamidoamines grafted with ethyleneimine and polymers containing vinylamine units with
- 10
- (b) compounds which are at least bifunctional with respect to NH groups and contain at least one alkyl or alkylene radical of at least 8 carbon atoms and, as functional group, a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.
- 15

2. A modified cationic polymer as claimed in claim 1, wherein the compounds (a) containing NH groups have molar masses of at least 1,000 g/mol.
- 20

- 36A/ 3. A modified cationic polymer as claimed in either of claims 1 and 2, wherein
- 25
- (a) polyethyleneimines, polyamidoamines, polyamidoamines grafted with ethyleneimine, polymers containing vinylamine units or mixtures thereof are reacted with
- (b) at least one compound of the formula
- 30



or



(IV)

(V)

- 40 where R is C₈- to C₃₀-alkyl or alkenyl, A is C₂- to C₄-alkylene, n is 0 - 50 and X is a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.

- 45 4. A process for the preparation of a modified cationic polymer as claimed in any of claims 1 to 3, wherein

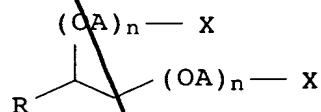
- (a) water-soluble, polymeric compounds containing NH groups and selected from the group consisting of the polyalkylenepolyamines, polyamidoamines, polyamidoamines grafted with ethyleneimine and polymers containing vinylamine units are reacted with
- (b) compounds which are at least bifunctional with respect to NH groups and have at least one alkyl or alkenyl radical of at least 8 carbon atoms and, as a functional group, a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.

5. A process as claimed in claim 4, wherein the reaction of the compounds (a) and (b) is carried out in aqueous solution at from 20 to 100°C with the formation of aqueous solutions or dispersions.

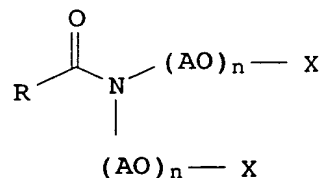
6. A process as claimed in claim 4 or 5, wherein

(a) compounds containing NH groups and selected from the group consisting of the polyalkylenepolyamines, polyamidoamines, polyamidoamines grafted with ethyleneimine and polymers containing vinylamine units are reacted with

(b) at least one compound of the formula



or



(IV)

(V)

where R is C₈- to C₃₀-alkyl or alkenyl, A is C₂- to C₄-alkylene, n is 0 - 50 and X is a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.

~~The use of a cationically modified polymer as claimed in any of claims 1 to 3 in papermaking as a fixing agent for paper stocks containing interfering substances.~~

add
B4